SIEMENS

Data sheet   **3SU1051-1AA00-0AA0-Z Y15**

Siemens EcoTech

Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, amber, 30 mm, latching, pull-to-unlatch mechanism, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name	SIRIUS ACT
product designation	Mushroom pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 22 mm
Enclosure	
number of command points	1
Actuator	
design of the actuating element	illuminated
principle of operation of the actuating element	latching
product extension optional light source	Yes
color of the actuating element	amber
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	30 mm
marking of the actuating element	Customized labeling, text in lower case/capital letters, all words start with capital letters
type of unlocking device	pull-to-unlatch mechanism
number of switching positions	2
Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	Metal, high gloss
color of the front ring	silver
General technical data	
product function	
● EMERGENCY OFF function	No
● EMERGENCY STOP function	No
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
● according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
● according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	500 000

reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
Net Weight	0.052 kg

Ambient conditions

ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)

Environmental footprint

Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	0.593 kg
global warming potential [CO2 eq] during manufacturing	0.625 kg
global warming potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.267 kg
Siemens Eco Profile (SEP)	Siemens EcoTech

Installation/ mounting/ dimensions

height	30 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	27.5 mm
installation width	30 mm
installation depth	24.4 mm

Approvals Certificates

General Product Approval				Test Certificates	Maritime application
CE EG-Konf.	UKCA	cULus	EAC	[Type Test Certificates/Test Report](#)	BUREAU VERITAS

Maritime application			other		Environment
Lloyd's Register LRS	PRS	RINA	[Confirmation](#)	产品合格 QC PASS	EPD

Environment		
Siemens EcoTech		[Environmental Confirmations](#)

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1051-1AA00-0AA0-Z Y15
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1AA00-0AA0-Z Y15
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1AA00-0AA0-Z Y15
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1AA00-0AA0-Z Y15&lang=en

last modified: 4/2/2025